

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Takeshi HIKATA

Title: METHOD OF PRODUCING
CARBON NANOSTRUCTURE

Appl. No.: 10/591,740

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Examiner: Roberts P. Culbert

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Number:

AMENDMENT UNDER 37 C.F.R. § 1.312

Box Issue Fee
Commissioner For Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

In accordance with 37 C.F.R. § 1.312, and without withdrawing this application from issue, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please amend the specification as follows:

Please replace the second paragraph on page 28, line 13 with the following rewritten paragraph replacing “a propane gas” with “an acetylene gas”.

A carbon nanotube as a carbon nanostructure was produced with the production device shown in Fig. 5 using the catalyst base obtained as above. Heat and pressure-resistant heating furnace tube 51 including the electric furnace as the heating device, the gas introduction and exhaust system, the growth temperature control system, the vacuum control system, the gas flowmeter, and the like was separated into a space of a crystal growth surface side and a space of